

10/16/05 78

## Refine Search

### Search Results -

Terms	Documents
L4 and ball	9

**Database:**

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Search:** 

### Search History

**DATE: Tuesday, June 22, 2004** [Printable Copy](#) [Create Case](#)**Set Name Query**  
**side by side***DB=USPT; PLUR=YES; OP=ADJ*

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
			result set
<u>L5</u>	L4 and ball	9	<u>L5</u>
<u>L4</u>	L3 and (wire near5 pad)	11	<u>L4</u>
<u>L3</u>	L2 and (passivation near (layer or material or film))	16	<u>L3</u>
<u>L2</u>	L1 and (wire near5 cavity)	297	<u>L2</u>
<u>L1</u>	wire adj bond	7145	<u>L1</u>

**END OF SEARCH HISTORY**

## Hit List

---

---

### Search Results - Record(s) 1 through 9 of 9 returned.

---

1. Document ID: US 6727579 B1

L5: Entry 1 of 9

File: USPT

Apr 27, 2004

US-PAT-NO: 6727579

DOCUMENT-IDENTIFIER: US 6727579 B1

TITLE: ELECTRICAL CONTACT STRUCTURES FORMED BY CONFIGURING A FLEXIBLE WIRE TO HAVE A SPRINGABLE SHAPE AND OVERCOATING THE WIRE WITH AT LEAST ONE LAYER OF A RESILIENT CONDUCTIVE MATERIAL, METHODS OF MOUNTING THE CONTACT STRUCTURES TO ELECTRONIC COMPONENTS, AND APPLICATIONS FOR EMPLOYING THE CONTACT STRUCTURES

---

2. Document ID: US 6478212 B1

L5: Entry 2 of 9

File: USPT

Nov 12, 2002

US-PAT-NO: 6478212

DOCUMENT-IDENTIFIER: US 6478212 B1

TITLE: Bond pad structure and method for reduced downward force wirebonding

---

3. Document ID: US 6452406 B1

L5: Entry 3 of 9

File: USPT

Sep 17, 2002

US-PAT-NO: 6452406

DOCUMENT-IDENTIFIER: US 6452406 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Probe structure having a plurality of discrete insulated probe tips

---

4. Document ID: US 6336269 B1

L5: Entry 4 of 9

File: USPT

Jan 8, 2002

US-PAT-NO: 6336269

DOCUMENT-IDENTIFIER: US 6336269 B1

TITLE: Method of fabricating an interconnection element

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KWC](#) | [Drawn D](#)**□ 5. Document ID: US 6110823 A**

L5: Entry 5 of 9

File: USPT

Aug 29, 2000

US-PAT-NO: 6110823

DOCUMENT-IDENTIFIER: US 6110823 A

TITLE: Method of modifying the thickness of a plating on a member by creating a temperature gradient on the member, applications for employing such a method, and structures resulting from such a method

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KWC](#) | [Drawn D](#)**□ 6. Document ID: US 5635424 A**

L5: Entry 6 of 9

File: USPT

Jun 3, 1997

US-PAT-NO: 5635424

DOCUMENT-IDENTIFIER: US 5635424 A

TITLE: High-density bond pad layout arrangements for semiconductor dies, and connecting to the bond pads

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KWC](#) | [Drawn D](#)**□ 7. Document ID: US 5565385 A**

L5: Entry 7 of 9

File: USPT

Oct 15, 1996

US-PAT-NO: 5565385

DOCUMENT-IDENTIFIER: US 5565385 A

TITLE: Semiconductor bond pad structure and increased bond pad count per die

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KWC](#) | [Drawn D](#)**□ 8. Document ID: US 5441917 A**

L5: Entry 8 of 9

File: USPT

Aug 15, 1995

US-PAT-NO: 5441917

DOCUMENT-IDENTIFIER: US 5441917 A

TITLE: Method of laying out bond pads on a semiconductor die

[Full] [Title] [Citation] [Front] [Review] [Classification] [Date] [Reference] [Claims] [KOMC] [Drawn D]

9. Document ID: US 5404047 A

L5: Entry 9 of 9

File: USPT

Apr 4, 1995

US-PAT-NO: 5404047

DOCUMENT-IDENTIFIER: US 5404047 A

TITLE: Semiconductor die having a high density array of composite bond pads

[Full] [Title] [Citation] [Front] [Review] [Classification] [Date] [Reference] [Claims] [KOMC] [Drawn D]

[Clear](#)

[Generate Collection](#)

[Print](#)

[Fwd Refs](#)

[Bkwd Refs](#)

[Generate OACS](#)

Terms	Documents
L4 and ball	9

Display Format:  [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)